



Primers/Block Fillers/Patching Compounds

METAL-PRIME™ PRIMER

DESCRIPTION

TEX•COTE® Metal-Prime™ is a water-based, ready-to-use primer specifically formulated to offer good corrosion protection and adhesion to metal surfaces. It utilizes state-of-the art acrylic polymer technology designed for maximum adhesion to metal surfaces and also assures optimum adhesion of a variety of topcoats applied over it.

FEATURES

- Water-based acrylic formulation.
- Superior adhesion to metal surfaces.
- Good corrosion protection
- Fast drying
- Single component product.
- Low VOC.

BENEFITS

- User friendly formula
- Assures good adhesion of topcoats to alu-

minum or galvanized surfaces.

- Can be applied by airless spray, brush, or roller.
- Easy clean-up with soap and water.
- Low odor.

RECOMMENDED OVER

- Aluminum
- Galvanized Steel
- Iron and Steel
- Previously Painted Metal surfaces

APPLICATION

Application Equipment:

- Conventional airless spray with .013-.015 tip.
- Medium nap (3/8" - 1/2") roller.
- High-quality nylon/ polyester bristle brush.

Surface Preparation:

Surface must be sound, clean and dry prior to application of primer. Remove all loose chipping, cracking and peeling from previously painted surface by hand scraping, sand and wire brushing and/or by use of power tool cleaning methods such as electric sanders, grinders, etc. Remove any dust, dirt, grease, oils, waxes, mildew, loose rust, mill scale, rust deposits or any other surface contaminants from metal surfaces by hand or power tool cleaning according to SSPC-SP2 or SSPC-SP3 standards.

Aluminum and Galvanized Metal: Bare aluminum and also particularly galvanized steel can vary dramatically in their surface properties. Old galvanized will have surface oxides that must be removed by wire brushing or brush blasting, being careful to try not to cut entirely through the zinc treatment layer if possible. New galvanized metal will vary in its degree of "spangle" pattern and commonly is contaminated with protective oils which must be removed prior to priming with a 7% TSP solution or commercial degreaser. Use of a commercially available metal etch is optional for added

"tooth". Both must be followed by a thorough water rinsing and allowed to dry before priming. Bare aluminum should also be cleaned with 7% TSP solution, thoroughly rinsed with water, and allowed to dry before application of the primer.

Iron and Steel: Remove all oil, grease, dirt mill scale, and all other foreign matter prior to painting. For rusted surfaces, commercial blast cleaning may be necessary.

Previously Painted Metal Surfaces: If in sound condition, make sure that surface is free of all contaminants. Hard or glossy surfaces should be abraded prior to coating. **Testing:** After preparing the surface, apply a test area of the primer and allow to cure for one week, then test adhesion. If adhesion is poor, then additional abrasion may be necessary followed by retesting the adhesion of the primer.

Mildew: Surface area affected by mildew should be thoroughly hand scrubbed with a soft to medium bristle scrub brush and a solution of one cup Tri-Sodium Phosphate or a no-ammoniated detergent cleaner mixed with one part household bleach and three parts warm water, per gallon solution. Allow solution to stand on the affected surface areas for 10 - 20 minutes then rinse thoroughly with clean water and allow 24 - 48 hours dry.

WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST

CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead

Application:

Mechanical mixing (drill/paddle or similar) just prior to application. Apply TEXCOTE® Metal-Prime™ after the surface has been prepared according to the previous directions. If surfaces have been factory primed, advise TCA of type used to avoid incompatibility and potential loss of adhesion. Apply at a coverage rate of 300-400 square feet per gallon. Allow a minimum of 24 hours to dry under ideal weather conditions prior to top-coating. Primer must be top-coated within 14 days of application or re-priming will be necessary.

Clean-Up:

Clean up tools or wet material with soap and water immediately after application. If dry, clean with acetone or MEK.

BEST PERFORMANCE

- Metal surfaces must be cleaned and prepared per above instructions.
- Do not apply over damp surfaces or when rain is imminent.

- If TEX•COTE® Metal-Prime™ is not top-coated within 14 days of application, re-priming will be necessary.
- Substrate, material, and air temperature during application shall be a minimum 50°F and rising, and not exceeding 100°F.

- Protect product from freezing.
- If metal has been factory primed, advise manufacturer of type used to avoid possible loss of adhesion or incompatibility.

TECHNICAL DATA

- Color: White
- Gloss: Flat
- Weight per gallon: 10.5 lbs
- Viscosity: 90 - 95 Ku
- Weight Solids: 52 ± 2%
- Volume Solids: 39 ± 2%
- Coverage: 300 - 400 sq.ft / gal
- Film Thickness: 4 - 5 mils wet,
1.5 - 2 mils dry
- Application Temperature:
50 - 100°F (10 - 38°C)
- VOC: <100 grams/ Liter
- Flash Point: None

- Shelf life: 12 months (unopened /properly stored between 40 - 110°F temperature)
- Dry Time @ 77°F (25°C) & 50% RH:
To Touch: 1 hour
Recoat: 4 hours
Top-coating: 24 hours minimum
- ***High humidity and cool temperature will result in longer dry, recoat and service times. ***

VOC COMPLIANCE

All TEX•COTE® products comply with federal and state Volatile Organic Compound (VOC) rules and regulations.

Current as of 1/2017	
SCAQMD	YES
CARB 2007 SCM	YES
CARB 2000 SCM	YES
OTC / LADCO	YES
OTC Phase II	YES
CANADA	YES

ORDER INFORMATION

Packaging:
TEX•COTE® Metal-Prime™ is available in one (1) or five (5) gallon containers.

Coverage Rates:
300-400 square feet per gallon depending on surface profile and application method.
Do not thin.

Shelf Life: Twelve months shelf under proper storage conditions. Containers must be stored inside out of direct sunlight, upright and maintained between 40°F – 110°F.

SAFETY

Do not breathe spray mist. Wear appropriate gloves and eye protection during application. Wash thoroughly after handling.

First aid: In case of eye contact, flush immediately with large quantities of water for at least 15 minutes. Seek medical attention if blurring or redness continues.

In Case of Spill: Absorb with inert material and placed into a suitable container for disposal. Dispose in accordance to the EPA and/or state and local guidelines.

WARRANTY

Upon completion of application of coating in accordance with the manufacturer ' s recommendations, Textured Coatings of America, Inc. will extend its limited commercial warranty for product replacement as a result of a defect in the material. The manufacturer must be notified prior to the application of the coating and the application must be in compliance with manufacturer ' s recommendations for installation. TEX•COTE® shall have no obligation to contribute or to otherwise participate in labor or cost associated with effecting repairs. Specimen copy of material warranty is available upon request.



CORPORATE OFFICES & EASTERN PLANT
2422 East 15th Street Panama City, Florida 32405
Tel: (850) 769-0347 Fax: (850) 913-8619

COMMERCIAL SALES OFFICE
4101 Ravenswood Road, Suite 218,
FT. Lauderdale, Florida 33312
Tel: (954) 581-0771 Fax: (954) 581-9516

WESTERN PLANT
5950 S. Avalon Blvd.
Los Angeles, California 90003
Tel: (323) 233-3111 Fax: (323) 232-1071